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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/056,908
Filing Date	1/25/2002
First Named Inventor	Hinkel et al.
Group Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	TM0141-UT

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ECH CENTER 160012900**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JS	1	5,324,631		Helentjaris et al.	06/28/1994	
	2	5,459,037		Sutcliffe et al.	10/17/1995	
	3	5,645,995		Kieback	07/08/1997	
	4	5,695,937		Kinzler et al.	12/09/1997	
	5	5,712,126		Weissman et al.	01/27/1998	
	6	5,830,711		Barany et al.	11/03/1998	
	7	5,834,181		Shuber	11/10/1998	
	8	5,846,710		Bajaj	12/08/1998	
	9	5,866,330		Kinzler et al.	02/02/1999	
	10	5,871,697		Rothberg et al.	02/16/1999	
	11	5,888,819		Goelet et al.	03/30/1999	
	12	5,925,517		Tyagi et al.	07/20/1999	
	13	5,945,283		Kwok et al.	08/31/1999	
	14	5,962,233	With- drawn	Livak et al.	10/05/1999	
	15	6,150,095		Southern et al.	11/21/2000	
	16	6,268,222	B1	Chandler et al.	07/31/2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1*
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
JS	17	PCT	WO 98/51789	A2& A3	Display Systems Biotech	11/19/1998		
	18	PCT	WO 99/37814	A1	Luminex Corporation	07/29/1999		
	19	PCT	WO 01/13120	A1	Luminex Corporation	02/22/2001		

Examiner Signature	<i>JS</i> 7/13/06	Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

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Application Number	10/056,908
Filing Date	1/25/2002
First Named Inventor	Hinkel et al.
Group Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	TM0141-UT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JS	AA	BARANY et al., "Genetic disease detection and DNA amplification using cloned thermostable ligase." <u>Proc. Natl. Acad. Sci. USA</u> , 88:189-193, (1991).	
	AB	BRAY et al., "High-throughput multiplex SNP genotyping with MALDI-TOF mass spectrometry: Practice, Problems and Promise." <u>Hum. Mutat.</u> , 17:296-304, (2001).	✓
	AC	CHEN et al., "A homogeneous, ligase-mediated DNA diagnostic test." <u>Genome Res.</u> , 8:549-556, (1998).	
	AD	CHEN et al., "Fluorescence energy transfer detection as a homogeneous DNA diagnostic method." <u>Proc. Natl. Acad. Sci. USA</u> , 94:10756-10761, (1997).	
	AE	DAY et al., "Detection of steroid 21-hydroxylase alleles using gene-specific PCR and a multiplexed ligation detection reaction." <u>Genomics</u> , 29:152-162, (1995).	✓
	AF	DAY et al., "Electrophoresis for genotyping: Microtiter array diagonal gel electrophoresis on horizontal polyacrylamide gels, hydrolink, or agarose." <u>Anal. Biochem.</u> , 222:389-395, (1994).	✓
	AG	GRAVES, D., "Powerful tools for genetic analysis come of age." <u>Trends Biotechnol.</u> 17:127-134, (1999).	✓
	AH	GROSSMAN et al., "High-density multiplex detection of nucleic acid sequences: oligonucleotide ligation assay and sequence-coded separation." <u>Nuc. Acids Res.</u> , 22(21):4527-4534, (1994).	✓
	AI	HSU et al., "Genotyping single-nucleotide polymorphisms by the invader assay with dual-color fluorescence polarization detection." <u>Clin. Chem.</u> , 47(8):1373-1377, (2001).	✓
	AJ	KOYAMA et al., "Structure of a cytotoxic t-lymphocyte-specific gene shows a strong homology to fibrinogen β and γ chains." <u>Proc. Natl. Acad. Sci. USA</u> 84:1609-1613, (1987).	✓
JS	AK	LANDEGREN et al., "A ligase-mediated gene detection technique." <u>Science</u> , 241:1077-1080, (1988).	✓

Examiner
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JSmit 7/11/06

Date
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Sheet 3 of 3

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Group Art Unit	1645
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
[Signature]	AL	LIU et al., "Overlapping PCR for bi-directional PCR amplification of specific alleles: a rapid one-tube method for simultaneously differentiating homozygotes and heterozygotes." <u>Genome Res.</u> , 7:389-398, (1997).	
	AM	NEWTON et al., "Analysis of any point mutation in DNA: The amplification refractory mutation system (ARMS)." <u>Nuc. Acids Res.</u> , 17(7):2503-2516, (1989).	✓
	AN	NICHOLS et al., "Direct sequencing of the gene for Maryland/German familial amyloidotic polyneuropathy Type II and genotyping by allele-specific enzymatic amplification." <u>Genomics</u> , 5:535-540, (1989).	✓
	AO	SAMIOTAKI et al., "Dual-color detection of DNA sequence variants by ligase-mediated analysis." <u>Genomics</u> , 20:238-242, (1994).	✓
	AP	SHUMAKER et al., "Mutation detection by solid phase primer extension." <u>Human Mut.</u> , 7:346-354, (1996).	✓
	AQ	SMITH et al., "A rapid, sensitive, multiplexed assay for detection of viral nucleic acids using the FlowMatrix system." <u>Clin. Chem.</u> , 44(9):2054-2056, (1998).	✓
	AR	SOMMER et al., "A novel method for detecting point mutations or polymorphisms and its application to population screening for carriers of phenylketonuria." <u>Mayo Clin. Proc.</u> , 64:1361-1372, (1989).	✓
	AS	SYVÄNEN et al., "Identification of individuals my analysis of biallelic DNA markers, using PCR and solid-phase minisequencing." <u>Am. J. Hum. Genet.</u> , 52:46-59, (1993).	✓
	AT	WU et al., "Allele-specific enzymatic amplification of β -globin genomic DNA for diagnosis of sickle cell anemia." <u>Proc. Natl. Acad. Sci. USA</u> , 86:2757-2760, (1989).	✓
	AV	ZIPFEL et al., "Complexity of the primary genetic response to mitogenic activation of human T cells." <u>Mol. Cell. Biol.</u> 9(3): 1041-1048, (1989).	✓

Examiner Signature	[Signature] 7/13/02	Date Considered	
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